

**ACRONYMS USED FOR PUBLIC WATER SYSTEM
SUPERVISION ([401 KAR Chapter 8](#))**

**BASED ON THE SAFE DRINKING WATER ACT AND THE
1996 AMENDMENTS**

AOC	Assimilable organic carbon
AWOP	Area-wide Optimization Program (out of Region 4 EPA)
AWWA	American Water Works Association
BAC	Biologically active carbon
BAF	Biologically active filtration
BAT	Best available treatment
Br ⁻	Bromide
BrO ₃ ⁻	Bromate
CCP	Composite Correction Program
CDC	Centers for Disease Control
ClO ₂	Chlorine dioxide
ClO ₂ ⁻	Chlorite
CPE	Comprehensive performance evaluation
C-T	Concentration of disinfectant residual multiplied by contact Time
CT _{calc}	CT/log removal as calculated using plant data
CT _{99.9}	CT/log removal for a 3-log removal from CT tables
CT _{99.99}	CT/log removal for a 4-log removal from CT tables
CTA	Comprehensive Technical Assistance
CTAP	Kentucky DOW Comprehensive Technical Assistance Program
CWS	Community water supply
D/DBP	Disinfectant and disinfection by-product
D/DBPR	Disinfectant and disinfection by-product rule
DBP	Disinfection by-product
DEP	Department for Environmental Protection
DOC	Dissolved organic carbon
DOW	Kentucky Division of Water
DWB	Kentucky Division of Water's Drinking Water Branch
DRSRF	Drinking water state revolving fund
EBCT	Empty bed contact time
EC	Enhanced coagulation
EPA	Environmental Protection Agency
EPPC	Environmental and Public Protection Cabinet
EPTDS	Entry point to distribution system
ERP	Emergency Response Plan
ERT	Kentucky DEP's Environmental Response Team

FOB	Kentucky Division of Water's Field Operations Branch
GAC	Granular activated carbon
GAC10	Granular activated carbon with an EBCT of 10 minutes and reactivation frequency of 180 days
GAC20	Granular activated carbon with an EBCT of 20 minutes and reactivation frequency of 180 days
GW	Groundwater
GWR	Groundwater Rule
GWUDI	Groundwater under the direct influence
HAA ₅	Haloacetic acids (chloroacetic acid, dichloroacetic acid, trichloroacetic acid, bromoacetic acid and dibromoacetic acid)
HAN	Haloacetoneitriles
HPC	Heterotrophic plate count
ICR	Information Collection Rule
IESWTR	Interim Enhanced Surface Water Treatment Rule
IOC	Inorganic contaminant
KPDES	Kentucky Pollution Discharge Elimination System
LCR	Lead and Copper Rule
Log	Logarithm (common, base 10)
LTESWTR	Long Term Enhanced Surface Water Treatment Rule
LT1	Long Term 1 Enhanced Surface Water Treatment Rule
LT2	Long Tern 2 Enhanced Surface Water Treatment Rule (proposed with anticipated final date of summer 2005)
M/DBP	Microbial/disinfection by-products
MCL	Maximum contaminant level
MCLG	Maximum contaminant level goal
ug/L	Micrograms per liter
mg/L	Milligram per liter
MGD	Million gallons per day
MIEX	Magnetic resin (trademark name for a resin specific for DOC removal)
MIOX	Mixed oxidant (disinfectant)
MRDL	Maximum residual disinfectant level
MRDLG	Maximum residual disinfectant level goal
MDL	Maximum detection level
MRL	Minimum reporting level
NDWAC	National Drinking Water Advisory Council
NPDWR	National primary drinking water regulations
NSF	National Sanitation Foundation
NTU	Nephelometric turbidity unit
NTNCWS	Non-transient, non-community water system
NOM	Natural organic matter
O ₃	Ozone
PAC	Powdered activated carbon
PACl	Polyaluminum chloride (a coagulant)

PBT	Performance-Based Training (a component of AWOP)
PE	Performance evaluation
PODR	Point of diminishing return
ppb	Parts per billion
ppm	Parts per million
PWS	Public water system
QA	Quality assurance
QC	Quality control
RO	Regional Office (within the Field Operations Branch of the DOW)
SCADA	System Control and Data Acquisition
SDWA	Safe Drinking Water Act (as amended in 1996)
SDWIS	Safe Drinking Water Information System
SEC	Secondary contaminant
SNC	Significant non-compliance
SOC	Synthetic organic contaminant
SPAP	Special Appropriations Grant
SRF	State Revolving Loan Fund
SS	Sanitary Survey
Stage 2	Stage 2 Disinfection /Disinfection By-Products Rule (proposed with an anticipated final date of summer 2005)
Subpart H	Systems falling under the original SWTR
SUVA	Specific UV absorbance at wavelength 254 (\bar{m}) divided by dissolved organic carbon (mg/L) with units of L/mg-m
SWTR	Surface Water Treatment Rule
TAO	Kentucky Drinking Water Branch's Technical Assistance and Outreach Section
TC	Total coliform(s)
TCR	Total Coliform Rule
THM	Trihalomethane
TNCWS	Transient non-community water system
TOC	Total organic carbon
Treated Water	Considered no later than the combined filter effluent
TTHM	Total trihalomethanes (chloroform, bromodichloromethane, dibromochloromethane and bromoform)
USGS	United States Geological Survey
UV	Ultraviolet light
UV ₂₅₄	Ultraviolet wavelength at 254 nanometers (\bar{m})
VA	Vulnerability Assessment
VOC	Volatile organic contaminant
WEA	Water Environment Association
WHPA	Wellhead Protection Area
WTP	Water treatment plant